



DØ Status Report

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All Experimenters' Meeting
1 December 2008



Data Taking

	Delivered Lum (pb ⁻¹)	Recorded Lum (pb ⁻¹)	Efficiency (%)	Comment
24 Nov	10.47	9.77	93	
25 Nov	11.00	10.51	96	2 nd best daily delivered & new record daily recorded luminosity.
26 Nov	9.37	8.84	94	
27 Nov	8.19	7.73	94	14 minutes due to Rack Monitor failure
28 Nov	6.21	5.67	91	Access to replace Rack Monitor. 40 minutes to recover stuck Muon readout crate.
29 Nov	9.31	8.56	92	Lost the first ~20 minutes of store 6597 due to operator error.
30 Nov	8.38	7.13 (1.75)	85 (21)	Store 6598: Downloaded wrong Calorimeter calibration files, also lost a Calorimeter BLS power supply. Access to replace the BLS power supply.
24–30 Nov	62.9	58.2 (53.8)	93 (84)	(Data taken with full detector) New records for weekly delivered & recorded luminosities.
November	200.3	185.7	92.7	New record monthly data taking efficiency.



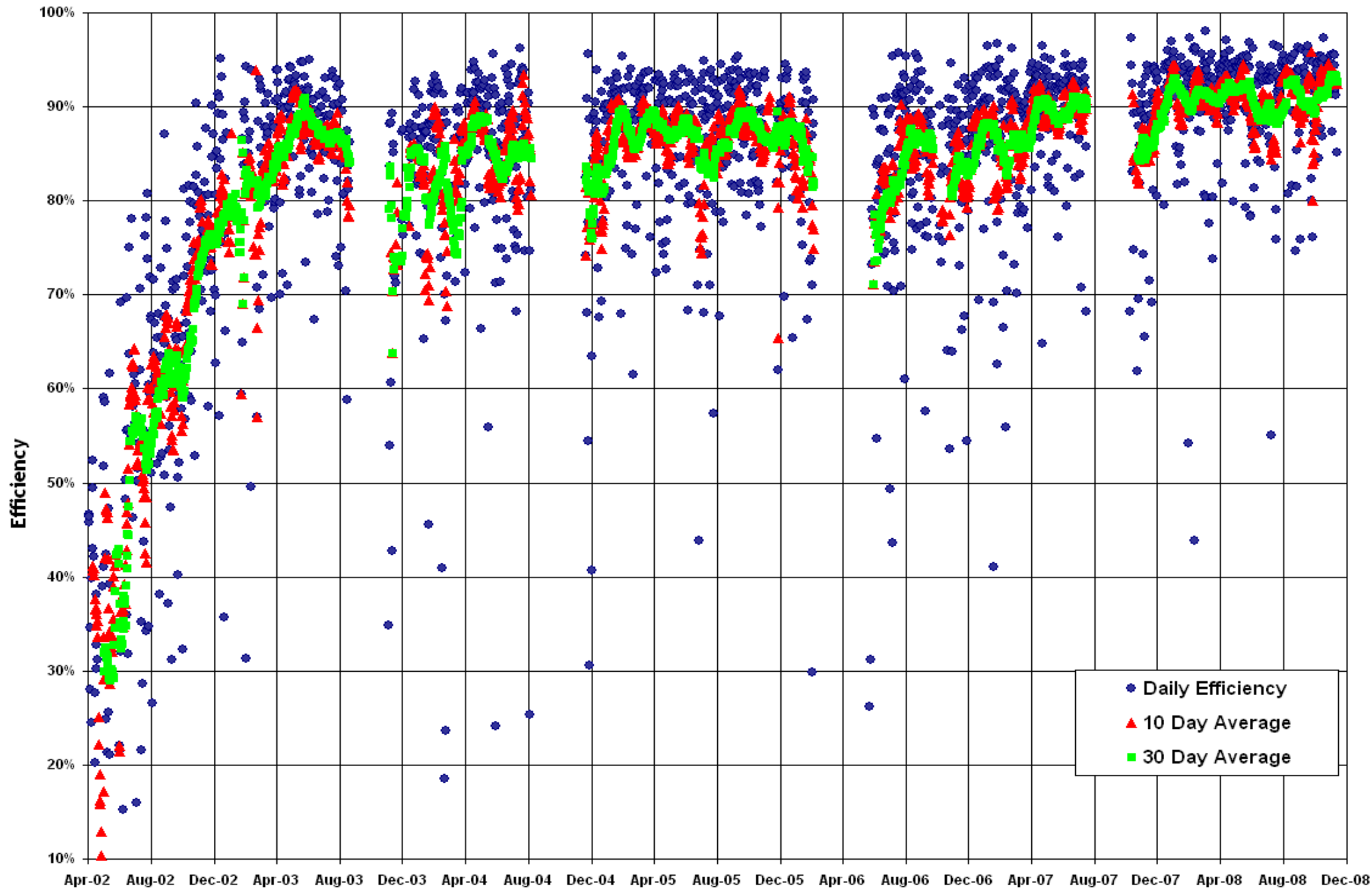
Calorimeter noise

- Found intermittently noisy Calorimeter cells in the Central Cryostat (CC) after the October shutdown:
 - High occupancy and high energy events
- Used downtimes to investigate and isolate noise source:
 - Found correlation with a specific HV connection
- Disconnected the HV cable on November 21:
 - Noise has not re-appeared
- Offline analysis flags appear to be fully effective in isolating noise triggered events from our data sample



Daily Data Taking Efficiency

19 April 2002 - 30 November 2008



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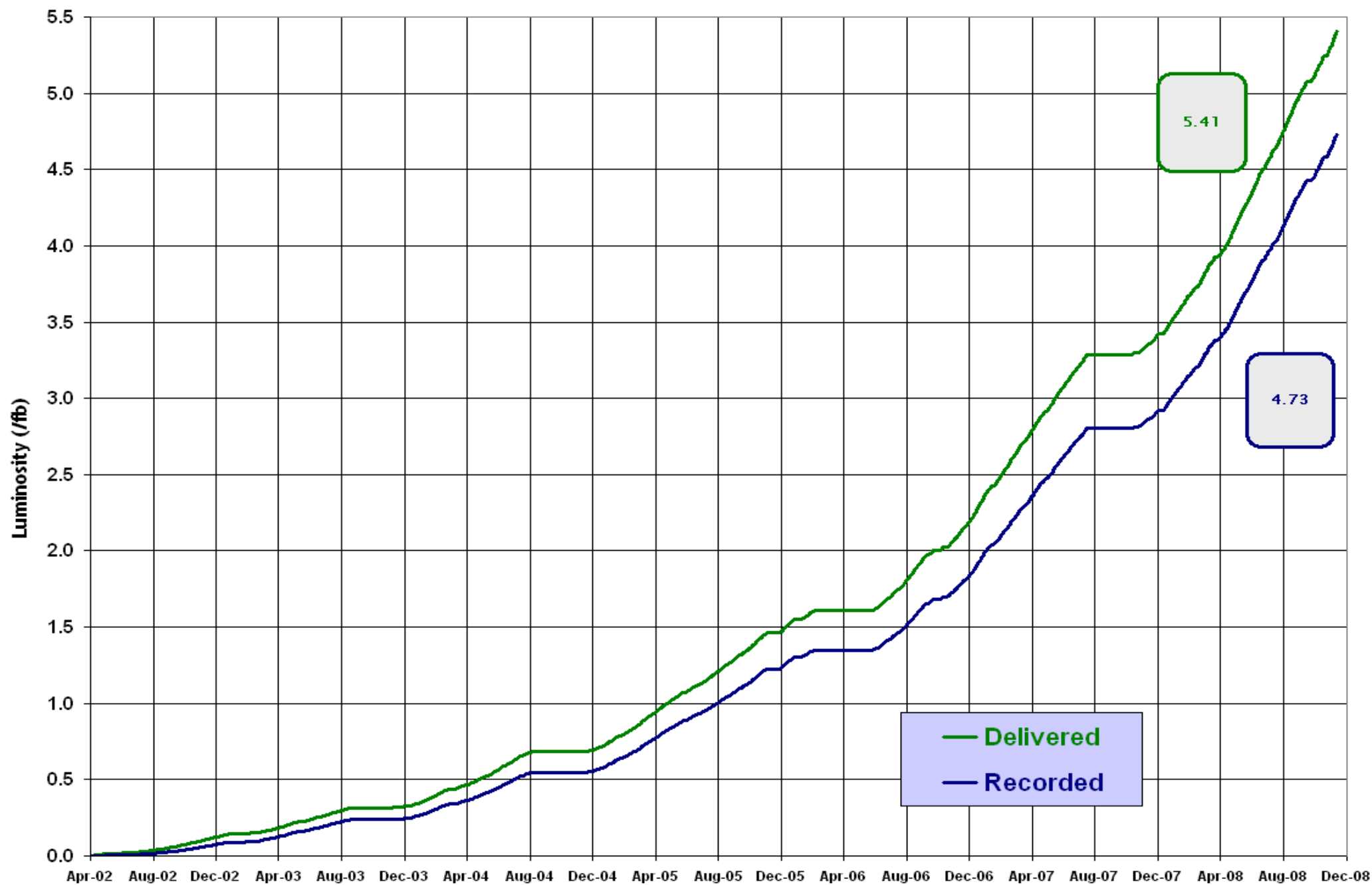
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Run II Integrated Luminosity

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